



**US Army Corps
of Engineers®**
Rock Island District



CORALVILLE LAKE

2850 PRAIRIE DUCHIEN RD
IOWA CITY, IA 52240
IOWA RIVER

CONSTRUCTION

Began: 1949

Completed: 1958

COST

Federal: est. \$15,744,000

RESERVOIR

Normal Pool (Summer):

Length: 18.7 miles

Area: 4,050 acres

Storage: 12,400 acre feet¹

Flood Control Pool:

Length: 27 miles

Area: 25,000 acres

Storage: 378,400 acre feet

WATER SURFACE ELEVATION

Spring Pool: 679.0 National Geodetic Vertical Datum (NGVD)

Summer Pool: 683.0 NGVD

Fall Pool: 686.0 NGVD

Flood Storage Pool: 712.0 NGVD

DAM

Type: Earth Filled Embankment

Length: 1,400 feet

Height: 100 feet

Top Width: 22 feet

Dam Elevation (top of dam): 743.0 NGVD

Spillway Elevation: 712.0 NGVD

RECREATION

Total Recreation Areas: 10

Beaches: 4

Camping Areas: 8

Marinas: 3

(MORE INFORMATION ON THE REVERSE SIDE)

VISITATION HOURS

10/1/2007 – 5/31/2008: 1,206,850
10/1/2006 – 9/30/2007: 9,615,342
10/1/2005 – 9/30/2006: 10,204,850

(FY07 recreation fee receipts and lease revenues were \$497,200.
Regional economic impact of project visitation is \$21,000,000.)

MILES ABOVE IOWA CITY ON IOWA RIVER

6 miles

**SQUARE MILES OF DRAINAGE AREA
ENTERING RESERVOIR**

3,115 square miles

**AVERAGE NORMAL INFLOW (JUNE)
(JULY)**

3,400 cubic feet per second (cfs)²
2,600 cfs

**AVERAGE NORMAL OUTFLOW (JUNE)
(JULY)**

3,700 cfs
3,400 cfs

HIGHEST INFLOW

36,200 cfs (July 18, 1993)

**MAXIMUM CAPABLE OUTFLOW
(CONDUIT/GATES)**

22,100 cfs

HIGHEST OUTFLOW RECORDED

25,800 cfs (July 19, 1993)

PREVIOUS HIGHEST OUTFLOW RECORDED

13,000 cfs (July 1969)

RECORD HIGH POOL ELEVATION

716.71 (July 24, 1993)
711.85 (July 21, 1969)
711.53 (June 30, 1984)
710.67 (May 31, 1991)
710.46 (April 26, 1973)

DAMAGES PREVENTED (1958 - 2007)

\$68,462,000 million (estimated)

DAMAGES PREVENTED (1993)

\$3,148,700 million (estimated)
(not indexed for 2007 price levels)

¹ NOTE: An acre-foot is one acre of water one foot deep.

² NOTE: Cubic feet per second (cfs). The rate of flow past a given point, measured in cubic feet per second. One cubic foot of water equals about 7 1/2 gallons and weighs 62 pounds.

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